



TFW 2157

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number

09/975,590

Filing Date

October 11, 2001

First Named Inventor

Dean Bernard Jacobs

Art Unit

2157

Examiner Name

Ramy M. Osman

Attorney Docket Number

BEAS-01077US2

ENCLOSURES (Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)



Reply to Missing Parts/
Incomplete Application



Reply to Missing Parts
under 37 CFR 1.52 or 1.53



Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a
Provisional Application



Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD



After Allowance Communication to TC



Appeal Communication to Board
of Appeals and Interferences



Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)



Proprietary Information



Status Letter



Other Enclosure(s) (please identify
below):

Copy of references cited from
related matter
Post Card

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Fliesler Meyer LLP.

Customer No. 23910

Signature

Printed name

Joseph P. O'Malley

Date

May 24, 2006

Reg. No.

36,226

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Teri Muir

Typed or printed name

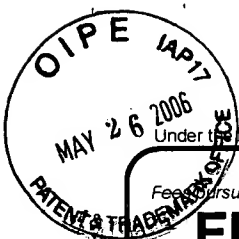
Teri Muir

Date

May 24, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/17 (01-06)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2006☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**180.00****Complete if Known**

Application Number	09/975,590
Filing Date	October 11, 2001
First Named Inventor	Dean Bernard Jacobs
Examiner Name	Ramy M. Osman
Art Unit	2157
Attorney Docket No.	BEAS-01077US3

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☐ Deposit Account Deposit Account Number: **06-1325** Deposit Account Name: **Fliesler Meyer LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.****FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ - 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ - 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): **Information Disclosure after Final Office Action** **180.00****SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 45,445	Telephone 415.362.3800
Name (Print/Type)	Joseph P. O'Malley	Date May 24, 2006	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): Dean Bernard Jacobs

Appl. No.: 09/975,590

Confirm. No.: 8686

Filed: October 11, 2001

Title: DATA REPLICATION PROTOCOL

PATENT APPLICATION

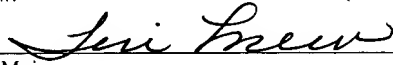
Art Unit: 2157

Examiner: Ramy M. Osman

Customer No. 23910

CERTIFICATE OF TRANSMISSION/MAILING UNDER 37 C.F.R. §1.8

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 (Signature)
Teri Muir
Signature Date: May 24, 2006

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- ☒ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ As allowed under 37 C.F.R. § 1.98(a)(2)(ii), no copies of the U.S. patents and U.S. patent application publications are enclosed, unless required by the office.
- ☐ As allowed under 37 CFR §1.98(d), copies of cited documents noted with an asterisk are not enclosed because they were previously submitted in U.S. Patent Application No. ____/____, which is relied on for an earlier effective filing date under 35 USC §120, and which included an Information Disclosure Statement that complies with 37 CFR §1.98(a) through (c).
- ☐ A copy of an International Search Report dated XX for Application No. XX_____.
- ☐ A copy of an International Preliminary Examination Report dated XX for Application No. XX_____.
- ☐ If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of

relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

This statement should be considered because:

— **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

— **37 C.F.R. §1.97(c).** Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.
-- AND (check at least one of the following) --

— (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).
-- OR --

☒ (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

— **37 C.F.R. §1.97(d).** Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

- (1) It is being filed on or before payment of the Issue Fee;
-- AND --
- (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);
-- AND --
- (3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

— ***PTA Statement under 37 C.F.R. §1.704(d).*** Each item of information contained in the *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the *Information Disclosure Statement*.

— **37 C.F.R. §1.97(e)(1).** THE UNDERSIGNED ATTORNEY HEREBY STATES THAT each item of information contained in this *Information Disclosure Statement* was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this *Information Disclosure Statement*; or

— **37 C.F.R. §1.97(e)(2).** THE UNDERSIGNED ATTORNEY HEREBY STATES THAT no item of information contained in this *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the

person signing this statement after making reasonable inquiry, no item of information contained in this *Information Disclosure Statement* was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.


✓ **Fee Authorization.** The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325.

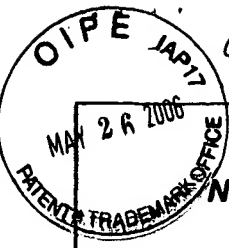
Respectfully submitted,
FLIESLER MEYER LLP

Date: May 24, 2006

By: Joseph P. O'Malley
Reg. No. 36,226

FLIESLER MEYER LLP
Four Embarcadero Center, Fourth Floor
San Francisco, California 94111-4156
Telephone (415) 362-3800
Customer No. 23910

Form PTO-1449 (Substitute) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Information Disclosure Statement BY APPLICANT <i>(Use several sheets if necessary)</i>		Attorney Docket Number BEAS-01077US2	Application/Patent Number 09/975,590				
		Applicant/Patent Owner Dean Bernard Jabobs					
		Filing/Issue Date October 11, 20021	Group Art Unit 2157				
U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
		6,018,805A	01/2000	Ma et al.			
		6,438,705B1	8/2002	Chao et al.			
		6,523,130B1	2/2003	Hickman et al.			
		6,944,785B2	9/2005	Gadir et al.			
U.S. PATENT PUBLICATIONS							
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant			
		2004/0059735 A1	3/2004	Gold et al.			
		2004/0153558 A1	8/2004	Gunduce et al.			
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)							
Examiner				Date Considered			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
*1 = Copy not submitted because it was submitted in prior application SN ____ / ____, filed ____, 20__, relied on under 35 USC §120.							
**2 = Copy not submitted because it was submitted in prior application SN ____ / ____, filed ____, 20__, relied on under 35 USC §120.							



60/359, 226

BEAS-01173051

OA dated 3/27/06

Notice of References Cited

Application/Control No.

10/341,207

Applicant(s)/Patent Under
Reexamination
FUNG ET AL.

Examiner

Michael C. Maskulinski

Art Unit

2113

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,018,805 A	01-2000	Ma et al.	714/4
*	B	US-6,134,873 A	10-2000	Chrabaszc, Michael	714/13
*	C	US-6,438,705 B1	08-2002	Chao et al.	714/4
*	D	US-6,523,130 B1	02-2003	Hickman et al.	714/4
*	E	US-6,944,785 B2	09-2005	Gadir et al.	714/4
*	F	US-2004/0059735 A1	03-2004	Gold et al.	707/100
*	G	US-2004/0153558 A1	08-2004	Gunduc et al.	709/229
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)			
	U	Newport, Billy; JMX; 2001; http://www.theserverside.com/articles/article.tss?1=JMX			
	V	Fliesler Meyer LLP File: <u>BEAS-01073052</u>			
	W	Action Item: <u>Suppl. Info. Dirch. (Hm)</u> Date Due: <u>June 27, 2006</u> Critical Date: <u>June 27, 2006</u> Attorney Path: <u>Sam / Jm</u>			
	X	Docketed By: <u>scm</u> Verified By: <u>Amc</u>			

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.